

Converting Colors

XYZ(52.8588, 38.8926, 23.0823)

Have a look what the booklet for
XYZ(52.8588, 38.8926, 23.0823)
contains.

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Color

**XYZ(52.8692, 38.8977,
23.1339)**

Conversions

Conversions Part 1

Format	Color
Hex	FF837A
RGB	255, 131, 122
RGB Percent	100%, 51%, 48%
CMY	0.0000, 0.4862, 0.5216
CMYK	0.00, 0.49, 0.52, 0.00
HSL	4°, 100%, 74%
HSV	4°, 52%, 100%
XYZ	52.8692, 38.8977, 23.1339
YIQ	167.0500, 76.7930, 23.4890

Conversions

Conversions Part 2

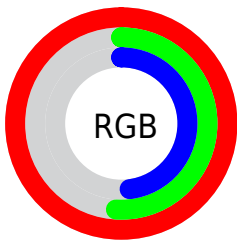
Format	Color
RYB	255, 132, 122
Decimal	16745338
CIELab	68.68, 46.22, 26.65
CIElCh	69, 53.352, 29.972
Yxy	38.8977, 0.4601, 0.3385
Android (android.graphics.Color)	4294935418 (0xFFFF837A)
YUV	167.0500, -22.2097, 77.1321
Hunter-Lab	62.3680, 42.1699, 21.6654

Details

The XYZ color **52.8692, 38.8977, 23.1339** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.0300, 77.2653, 106.4101**, and the grayscale version is **36.8347, 38.7529, 42.2019**.

A 20% lighter version of the original color is **66.4389, 59.4338, 48.0146**, and **26.1751, 17.3992, 8.2821** is the 20% darker color. If you saturate the color by 10%, you get **48.6566, 32.6781, 14.9307**, and if you desaturate by 10%, it is **58.2307, 46.7521, 33.7654**.

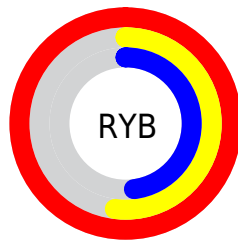
Distribution



Red (100%)

Green (51%)

Blue (48%)



Red (100%)

Yellow (52%)

Blue (48%)

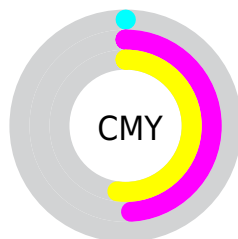


Cyan (0%)

Magenta (49%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8692, 38.8977, 23.1339 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 52.8692, 38.8977, 23.1339 by changing the saturation by 10% instead.


 52.8692, 38.8977,
23.1339


 52.8692, 38.8977,
23.1339


388.0522,
341.4554, 281.5562


 37.9254, 26.6802,
14.4862

 93.5785, 73.4820,
49.5391

 26.1018, 17.3332,
8.3170


 120.0748, 96.6176,
68.1336

 17.0329, 10.4723,
4.2078


 151.1526,
124.1613, 90.8808

 10.3534, 5.7132,
1.7400

187.1773,
156.4975, 118.1993

 5.6979, 2.6715,
0.3879

228.5143,
194.0106, 150.5075

 2.7012, 0.9627,
0.0000

275.5288,

 0.9978, 0.0000,

237.0850, 188.2240

0.0000

328.5863,
286.1051, 231.7674

■ 0.0000, 0.0000,
0.0000

■ 52.8692, 38.8977,
23.1339

■ 52.8692, 38.8977,
23.1339

■ 48.6566, 32.6781,
14.9307

■ 58.2307, 46.7521,
33.7654

■ 45.5060, 27.9722,
8.9622

■ 64.8137, 56.3388,
46.9942

■ 43.3228, 24.6524,
5.0086

■ 72.6883, 67.7551,
62.9766

■ 41.9945, 22.5671,
2.8044

■ 81.9183, 81.0891,
81.8561

■ 41.4446, 21.6692,
1.9982

■ 92.5634, 96.4235,
103.7659

95.0499, 100.0000,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.6691, 38.8977, 42.3759



52.8692, 38.8977, 23.1339



45.6923, 38.8977, 13.5305

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.8692, 38.8977, 23.1339



24.6360, 38.8977, 23.1074



36.9631, 38.8977, 107.8197

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.8692, 38.8977, 23.1339



59.0300, 77.2653, 106.4101

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.4368, 38.8977, 96.6128



52.8692, 38.8977, 23.1339



23.0128, 38.8977, 42.3300

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.8692, 38.8977, 23.1339



29.4487, 38.8977, 13.5198



24.6298, 38.8977, 70.0415



45.6764, 38.8977, 96.6525

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.8692, 38.8977, 23.1339



39.8668, 38.8977, 11.1102



24.6298, 38.8977, 70.0415



34.2192, 38.8977, 106.5025

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.8702, 38.8997, 23.1346



78.2064, 75.7318, 74.2481



64.8546, 41.8413, 91.9540



16.3320, 15.6213, 15.0589



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.8702, 38.8997, 23.1346



48.3510, 32.2242, 14.3437



64.8026, 62.7646, 27.1121



18.1081, 18.1844, 18.6999



21.6921, 11.3954, 1.0562



2.1450, 1.1753, 0.1138

Inverse Universe

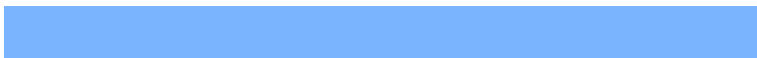
The Inverse Universe completely reimagines the original color for something new.



59.0300, 77.2653, 106.4101



55.0893, 74.3926, 106.0634



42.3236, 43.8526, 100.8413



18.4434, 20.2583, 23.1881



25.4115, 35.7326, 54.9923



2.5046, 3.5400, 5.3645

Previews

White Background



This preview shows how the XYZ color 52.8692, 38.8977, 23.1339 looks on a white background.

Color Contrast Check

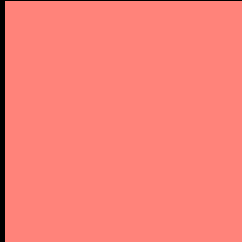
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 52.8692, 38.8977, 23.1339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8692, 38.8977, 23.1339

Background



This preview shows how black text looks on a background with the XYZ color 52.8692, 38.8977, 23.1339.



This preview shows how white text looks on a background with the XYZ color 52.8692, 38.8977,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.8692, 38.8977, 23.1339

Protanopia

37.0229, 39.3343, 30.0671

Deuteranopia

39.7752, 39.0535, 22.2713



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

52.8692, 38.8977, 23.1339

Protanomaly

41.4086, 38.2580, 27.3924

Deuteranomaly

43.7513, 38.3602, 22.5511

Tritanomaly

53.3875, 38.8912, 26.5227

Monochromacy



Original Color

52.8692, 38.8977, 23.1339

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.6947, 37.4877, 34.3692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8692, 38.8977, 23.1339 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 122) }
```

Border

The CSS property to change the border of an element to XYZ 52.8692, 38.8977, 23.1339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 131, 122) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 131, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8692, 38.8977, 23.1339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
131, 122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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